

CLAIMS

1. An electromagnetic wave shielding film for plasma display, comprising:

    a transparent substrate film,

    a metal layer provided on one surface of the transparent substrate film either directly or through an adhesive, including a mesh part having a plurality of openings and a frame part surrounding the mesh part, and

    a smoothing resin layer and an adhesive layer that are successively laminated to the metal layer,

    the smoothing resin layer containing a near infrared rays absorbing agent,

    the adhesive layer containing a coloring agent for color tone correction that absorbs light with specific wavelengths originating from the emission spectrum of an insert gas of a plasma display.

2. The electromagnetic wave shielding film for plasma display according to claim 1, wherein

    the adhesive layer further contains a coloring agent for color tone adjustment for adjusting the color tone of an image displayed on a plasma display.

3. The electromagnetic wave shielding film for plasma display according to claim 1, wherein

    at least a part of the frame part of the metal layer is covered neither with the smoothing resin layer nor with the adhesive layer and is thus bare.

4. The electromagnetic wave shielding film for plasma display according to claim 1, further comprising:

    an anti-reflection layer and/or an anti-glaring layer provided on the other surface of the transparent substrate film.

5. The electromagnetic wave shielding film for plasma

display according to claim 1, wherein

    a blackening treatment layer is provided by blackening treatment on the transparent substrate film side surface of the metal layer.

6. The electromagnetic wave shielding film for plasma display according to claim 1, wherein

    the smoothing resin layer completely fills in the openings of the mesh part to form a smooth surface.

7. The electromagnetic wave shielding film for plasma display according to claim 1, wherein

    the smoothing resin layer fills in a part of the openings of the mesh part.

8. The electromagnetic wave shielding film for plasma display according to any of claims 1 to 7, wherein

    one or more of the layers provided between the transparent substrate film and the smoothing resin layer contain an ultraviolet light absorber.